

AT-MINI FMO MUX-04

4*voice+2FE Fiber Mux

(Desktop Type)

Overview

This series is based on the company's proprietary research on VLSI, developed point to point optical transmission equipment. This product provides 1~4channel FXO/FXS/2/4 wire audio, Magnet telephone Interface; two* Fast Ethernet interface, support VLAN division. With a sound alarm function, the whole stable, reliable, low power consumption, high integration, small size.

Product Photo



ANDA Telecom Pvt. Ltd.

Registered office: E-36, Amar Colony, Lajpat Nagar-IV, New Delhi - 110024, INDIA

Phone: +91 11 41323629, +91 95 302 57173

E-mail: Info@andatelecomindia.com

URL: www.andatelecomindia.com

Desktop Type

Features

- Based on self -copyright IC;
- 1 ~ 4channel voice access, support caller ID function and reverse polarity billing functions;
- 2channel Ethernet interface, the rate of 10M / 100M, full / half duplex adaptive, 2x Ethernet can be set to logical isolation;
- Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- Support Telephone Number mutual function of each site;
- optical port unrepeated transmission distance of up to 2 to 120 km;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20 μ s, the peak output voltage 6KV open standards.
- Multiple power mode options: AC220V, DC-48V / DC24V, etc.;

Parameters

◆ Fiber

Multi-mode Fiber

50/125um, 62.5/125um,

Maximum transmission distance: 5Km @ 62.5 / 125um single mode fiber,
attenuation (3dbm/km)

Wave Length: 820nm

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Turning Copper into Gold

Transmitting power: -12dBm (Min) ~-9dBm (Max)
Receiver sensitivity: -28dBm (Min)
Link budget: 16dBm

Single-mode Fiber

8/125um, 9/125um

Maximum transmission distance: 40Km

Transmission distance: 40Km @ 9 / 125um single mode fiber,
attenuation (0.35dbm/km)

Wave Length: 1310nm
Transmitting power: -9dBm (Min) ~-8dBm (Max)
Receiver sensitivity: -27dBm (Min)
Link budget: 18dBm

◆ Ethernet interface(10/100M)

Interface rate: 10/100 Mbps, half/full duplex auto-negotiation
Interface Standard: Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)
MAC Address Capability: 4096
Connector: RJ45, support Auto-MDIX

◆ FXS Phone Interface

Ring voltage: 75V
Ring frequency: 25HZ

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Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

◆ FXO Switch Interface

Ring detect voltage: 35V

Ring detection frequency: 17HZ-60HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

◆ EM 2/4 Line

AD: 0dB

DA: -3.5dB

Two/Four-line Impedance: 600 Ohm

Return loss: 20 dB

◆ Working environment

Working temperature: -10°C ~ 50°C

Working Humidity: 5%~95 % (no condensation)

Storage temperature: -40°C ~ 80°C

Storage Humidity: 5%~95 % (no condensation)

Specifications

Model	AT-MINI-FMO-MUX-04
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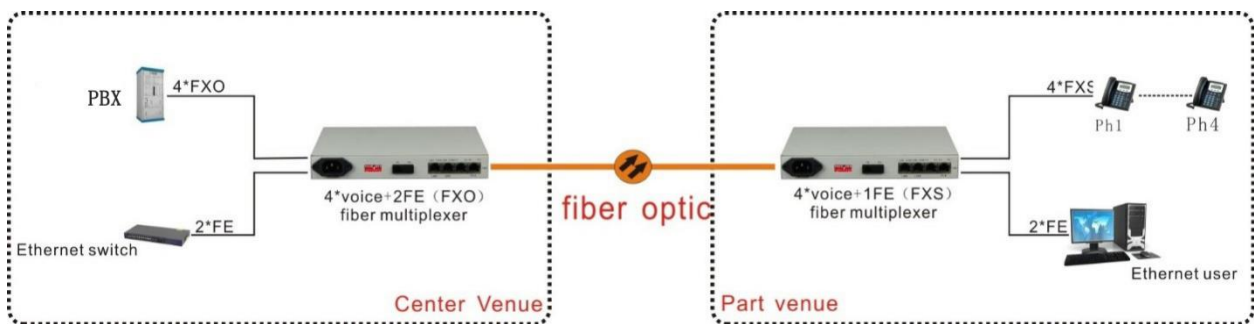
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Functional Description	4*POTS (FXO/FXS/2 wire Voice) +2*FE Ethernet Over Fiber , Desktop Type , One Fiber interface
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC +24V Power consumption: ≤10W
Dimension	Product Size: 216X140X31mm
Weight	1.5 KG

Application



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